

**NWS FORM E-5**

(11-88)

(PRES. by NWS Instruction 10-924)

**U.S. DEPARTMENT OF COMMERCE**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo (SJT)****MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

REPORT FOR:

MONTH **July**

YEAR

**2004**

TO: Hydrometeorological Information Center, W/OH2  
NOAA / National Weather Service  
1325 East West Highway, Room 7230  
Silver Spring, MD 20910-3283

SIGNATURE

**Jason Johnson**

DATE

**August 15, 2004**

*When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924)*

[X] No flood stages were reached in the HSA this month.

A typical hot and dry weather pattern prevailed over West Central Texas during the first part of July as the area was gripped by a ridge of high pressure aloft. This dominant weather pattern began to quickly dry away the moisture that most of the HSA received during the month of June. Around the middle of the month, the ridge of high pressure began to loosen its grip over the area and withdraw to the west, allowing northerly flow into the region.

A weak front moved south into the area on the 17<sup>th</sup> of the month triggering showers and thunderstorms through the 19<sup>th</sup>. Portions of the Heartland received as much as 1.50 inches of rain, while lesser amounts from were scattered across the Concho Valley, Big Country and Northwest Hill Country. Several days later, on the 22<sup>nd</sup> through the 23<sup>rd</sup>, scattered showers and thunderstorms formed across the southern half of the HSA in association with a trough of low pressure over South Central Texas and gulf moisture. Isolated areas in the Concho Valley and Northern Edwards Plateau received as much as 1.5 inches of rain.

An unusually strong cold front for July made its push into West Central Texas late on the 24<sup>th</sup>. From the 24<sup>th</sup> through 29<sup>th</sup>, much of the HSA experienced cooler than normal temperatures and wetter than normal weather for July. With northerly flow and tropical moisture in place, a series of upper level disturbed triggered numerous showers and thunderstorms that prevailed for five days. Notable rainfall totals over the five day period are listed below.

Location	Rainfall (inches)
Throckmorton	6.87
Roscoe	4.29
Weinert	3.79
Brownwood	3.58
Woodson	3.45
Ballinger	2.93
San Angelo FD #5,	2.83
San Angelo FD #1,	2.67
San Angelo FD #3,	2.55
Haskell	2.54
Baird	2.51
San Angelo FD #4,	2.29
Albany	2.23
Menard	2.04

The San Angelo Regional Airport received 2.18 inches of rain in July, which was 1.08 inches above the monthly normal rainfall of 1.10 inches.

The Abilene Regional Airport received 1.55 inches of rain in July, which was 0.15 of an inch below the monthly normal rainfall of 1.70 inches.

**Rainfall Totals for July, 2004:**

<b>Station Name</b>	<b>Amt (in)</b>	<b>Station Name</b>	<b>Amt (in)</b>
Abilene 2	2.23	Menard	2.37
Acton Ranch	1.17	Merkel 12SW	1.98
Albany	1.98	Oak Creek Lake	3.47
Anson	2.86	Ozona 1SSW	0.59
Ballinger 2NW	4.63	Paint Rock	2.73
Brady	1.17	Putnam	2.31
Brownwood	M	Richland Springs	M
Burkett	3.06	Robert Lee	2.09
Coleman	2.93	Roscoe	3.18
Concho Park	2.93	Rotan	3.57
Eldorado	0.86	San Angelo WFO	2.33
Eldorado 10W	M	San Saba 7NW	0.35
Eldorado 12N	0.75	Silver Valley	2.69
Fort Griffin	3.56	Sonora	1.73
Fort McKavett	0.61	Stamford	3.43
Funk Ranch	2.25	Sterling City	M
Glen Cove	4.98	Sterling City 8NE	2.31
Hamlin	3.13	Taylor Ranch	0.57
Haskell	3.94	Telegraph	0.57
Hords Creek	4.58	Throckmorton 7NE	6.61
Humble Pump	0.99	Trent	1.79
Junction 4SSW	0.74	Water Valley	2.40
Lake Abilene	2.10	Water Valley 11NE	3.14
Lawn	1.31	Winters	2.46
London 3N	1.84	Woodson	5.34
Mason	1.04	(M) Missing data	

**Reservoir Conditions (end of July, 2004)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>Current Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	31,100	44
Lake Stamford	52,700	32,490	62
Hubbard Creek Lake	317,800	126,720	40
Hords Creek Lake	8,800	2,830	32
Lake Brownwood	131,428	127,940	97
E.V. Spence	488,760	34,000	7
Twin Buttes	Below	Equipment	
O.C. Fisher	119,200	1,860	2
O.H. Ivie	554,340	173,500	31

**Hydro Products Issued**

FFA = 0

FFW = 2

FFS = 3

FLS = 3 (Urban and Small Stream Advisories)

RVS = 1